Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Kn wn Substitute for form 1449A/PTO Application Number INFORMATION DISCLOSURE 09 February 2004 Filing Date STATEMENT BY APPLICANT Ae Kwon YOO First Named Inventor NA Art Unit (Use as many sheets as necessary) NA Examiner Name 1768-51-3 Attorney Docket Number Sheet

U.S. PATENT DOCUMENTS							
Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials *		Number - Kind Code <sup>2</sup> (if known)		GROU DOGG.			
		US-					
		US-					
		US-					
-		US-					
		US-					
	T	US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
	<u> </u>	US-					
		US-		<u> </u>			
		US					
		US-					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cita	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Date MM-DD-YYYY				
		JP 2000-248610 A	12/9/2000	Hirano Tamio			
	<u> </u>	JP 7-197516 A	1/8/1995	Takamatsu Mutsuo			
		PCT/KR01/01995 (WO 03/014485 A1 Search Report	2/20/2003	Korea Advanced Institute of Scient and Technology			
	1						
						ļ	
	1						
						<u> </u>	

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS